

Humble Oil assumed operations

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed _____
I W R for State or Fee Land _____

Checked by Chief _____
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 5-25-62 Location Inspected _____
OW _____ WW _____ TA _____ Bond released _____
GW _____ OS _____ PA ✓ State of Fee Land _____

LOGS FILED

Driller's Log 10-3-62
Electric Logs (No.) 2

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
Lat _____ Mi-L _____ Sonic _____ Others _____

*Run #1 5-31-61
Run #142 6-10-61*

FILE NOTATIONS

Entered in NID File ✓
Entered On S R Sheet _____
Location Map Pinned ✓
Card Indexed ✓
I W R for State or Fee Land _____

Checked by Chief _____
Copy NID to Field Office ✓
Approval Letter ✓
Disapproval Letter _____

COMPLETION DATA:

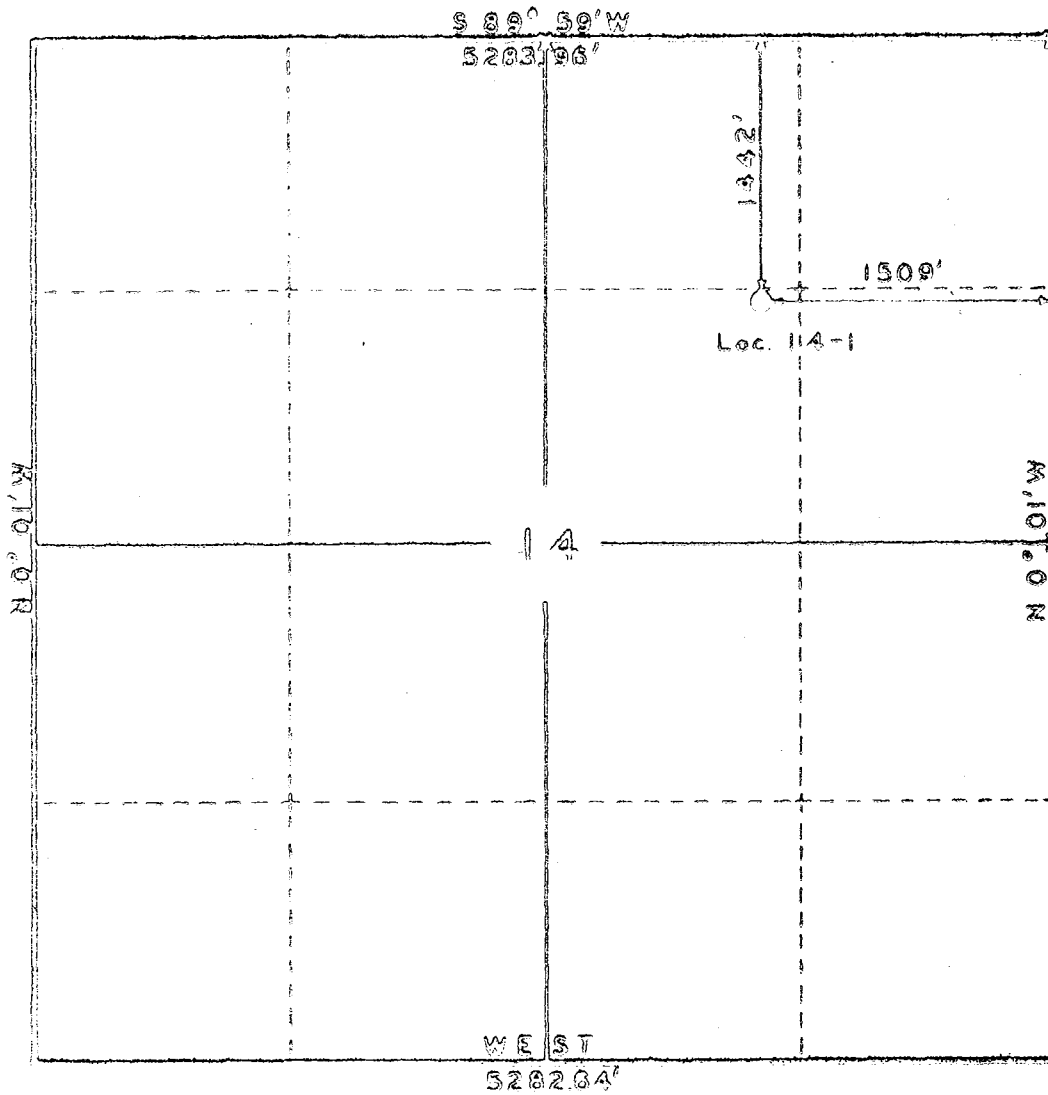
Date Well Completed 3-25-61 Location Inspected _____
OW _____ WW _____ TA ✓ Bond released _____
GW _____ OS _____ PA _____ State of Fee Land _____

LOGS FILED

Driller's Log _____
Electric Logs (No.) 2
E _____ I _____ E-I ✓ GR _____ GR-N ✓ Micro ✓
Lat _____ Mi-L _____ Sonic ✓ Others _____

*Run #10
Run #101*

T 11 S, R 21 E, S 1 B & M.



Scale: 1" = 1000'

X - Corrosion located (Drain Cap)

By: ROSS CONSTRUCTION CO.
Vernal, Utah

PARTY
R. D. Rom
T. Anderson

WEATHER: Clear - Warm

SURVEY
MIRACLE & WOOSTER DRILLING CO. - SUN OIL CO.
LOCATION 14-1, LOCATED AS SHOWN IN NE 1/4
SECTION 14, T 11 S, R 21 E, S 1 B & M, UTAH
COUNTY, UTAH.

DATE 8/9/80
REFERENCES
USGLO Township Plat
Approved 4/29/84
FILE Miracle & Wooster

11

		X	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Lease No. U-015198
Unit Federal # 14-1

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 12, 1960

Well No. 14-1 is located 1442 ft. from N line and 1509 ft. from E line of sec. 14

SW NE Section 14 11-S 21-E S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wilcoxon Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. **Not Run**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

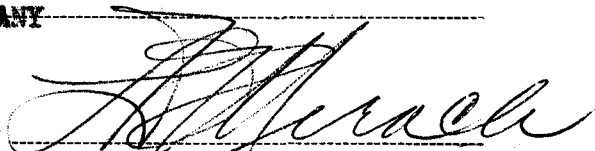
Surface Casing: 200' of 9-5/8", 36#, cemented with 150 sacks.
Intermediate Casings: If necessary will run 7", 23# Casing, cement with 150 sacks
Production Casing: 4-1/2", 11#, J-55 Casing set to total depth, cemented with 300 Sacks.
Anticipated Formations: Green River 500', Wasatch 3720'.
Total Depth: 5500 Feet.
Plan to drill with Rotary tools to total depth, drill with water and mud. Mud up when conditions warrant.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MIRACLE AND WOOSTER DRILLING COMPANY

Address BOX 233

Vernal, Utah

By 

Title Partner

September 20, 1960

Miracle and Wooster Drilling Co.
Box 233
Vernal, Utah

Attention: Mr. Miracle, Partner

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Federal # 14-1, which is to be located 1442 feet from the north line and 1509 feet from the east line of Section 14, Township 11 South, Range 21 East, SIM, Uintah County, Utah.

The proposed location of this well does not comply with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission, nor has information been furnished for an unorthodox location as required by Rule C-3 (c) of said rules and regulations.

Before approval can be given for drilling this well, it will be necessary for you to file a new notice of intention to drill in compliance with Rule C-3 (b), or if an unorthodox location is necessary, a request for such spacing must be made as required by Rule C-3 (c).

We are enclosing a copy of our Rules and Regulations for your information.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON E. FREIGHT,
EXECUTIVE SECRETARY

CEP:awg
Enclosure

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

C. P. WATSON
617 West Seventh Street
Room 720
Los Angeles 17, California

September 26, 1960

Oil and Gas Supervisor
U. S. Geological Survey
P. O. Box 400
Casper, Wyoming

RE: Stipulation

Dear Sir:

C. P. Watson is the owner of U. S. Oil and Gas Lease U-015198, and proposed to drill a well on the leased premises to test for oil and gas at a location in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 14, Township 11 South, Range 21 East, 31M, Uintah County, State of Utah, 1442 feet from North line and 1509 feet from East line of Section 14.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well will be drilled less than 200 feet from the boundary of any legal subdivision without the written consent of the Supervisor, U. S. Geological Survey. The proposed location is approximately 189 feet from the East boundary line and approximately 122 feet from the North boundary line of the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 14, but is considered to be necessary because of subsurface geological conditions, as follows:

The true location fell on the side of an extremely rocky draw. To build the location there would have required making an approx. 40' cut. Mr. Rodney Ross of Ross Construction Co. estimated it would cost an additional \$1,000.00 to build this location over the one we are asking you to approve.

Therefore, C. P. Watson, lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above described location. In consideration of such consent, C. P. Watson, lessee, hereby expressly covenants and agrees that he will make no separate assignments of the NW $\frac{1}{4}$ NE $\frac{1}{4}$ and the NE $\frac{1}{4}$ NE $\frac{1}{4}$ and the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 14, Township 11 South, Range 21 East, 31M, and

Oil and Gas Supervisor
September 26, 1960
Page 2

that he will keep the three described subdivisions under joint assignment until the above mentioned well has been plugged and abandoned with the approval of the Supervisor.

Yours very truly,

C. P. Watson

L. R. MIRACLE
PHONE 641-VERNAL



BOX 233
VERNAL, UTAH

OCT 3 1960

R. B. WOOSTER
PHONE 517-VERNAL
2-0540-CASPER, WYO.

Sept.29,1960

Mr.C.B.Feight
Utah Oil & Gas Commission
310 New House Bldg.
Salt Lake City,Utah.

Dear Sir:

Attached please find copy of a Stipulation filed with the Oil & Gas Supervisor of the U.S.Geological Survey.This is what the U.S.G.S.requested we furnish them so that they could pass on the unorthodox locating of our Federal # 11-1 , in Section 11, Twp.11 S., Range 21 E. Uintah Co. Utah.

I believe this same instrument would be in compliance with Rule C-3 (b) and (c),of the General Rules and Regulations and Rules of Practice and Procedure, Utah Oil & Gas Conservation Commission.

If additional information is required by the Commission I would greatly appreciate your office calling me collect here in Vernal Utah as we are wanting to get this Drilling operation under way as soon as possible.

Very truly yours
Miracle & Wooster Drilling Co.

A large, stylized handwritten signature in black ink, appearing to read "L. R. Miracle".

October 3, 1960

Miracle and Wooster Drilling Co.
Box 233
Vernal, Utah

Attention: Mr. L. R. Miracle, Partner

Gentlemen:

This is to acknowledge receipt of your letter requesting an unorthodox location for Well No. Federal # 14-1, which is to be located 1442 feet from the north line and 1509 feet from the east line of Section 14, Township 11 South, Range 21 East, SIM, Uintah County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted under Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CHP:awg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

H. L. Counts - OGCC, Moab

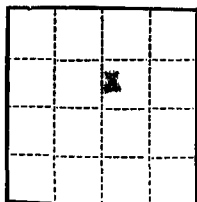
(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake City**

Lease No. **U-015198**

Unit **Federal #14-1**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 19, 1960, 19__

Well No. **14-1** is located **1442** ft. from **[N]** line and **1509** ft. from **[E]** line of sec. **14**

SW NE Sec. 14 (1/4 Sec. and Sec. No.) **11E** (Twp.) **21E** (Range) **S.L.M.** (Meridian)
Utah (Field) **Utah** (County or Subdivision) **Utah** (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

10-10-60: 65' sd - spudded well at 9 AM today
10-11-60: 110' - run & cased 9-5/8" surf cas, CB-106', used 73 lbs cas, cement @ 8:45
 BM ydsy, WOC
10-12-60: 110' - WOC
10-13-60: 320' - sand
10-14-60: 940' - sd & sh
10-15-60: 1185' - sd & sh
10-16-60: 1640' - sd & sh
10-17-60: 1910' - sd & sh
10-18-60: 2185' - sd & sh

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE AND WOOTEN DRILLING COMPANY**

Address **BOX 233**

VERMIL, UTAH

L. E. MIRACLE

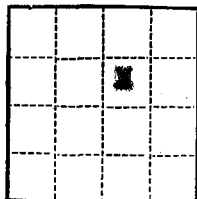
By

Title **MANAGER**

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salts Lake City**
Lease No. **U-015200**
Unit **Federal 21-1**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 1, 1960

Well No. **21-1** is located **1442** ft. from **(N)** line and **1500** ft. from **(E)** line of sec. **14**
SW 1/4 Sec. 14 **11S** **Range - 21E** **S.L.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah **Utah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the **644** **surface** floor above sea level is **3747** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

10-25-60: 3014' lost 24 hrs 40 parts
10-27-60: 3045' 2nd g.
10-28-60: 3011' sh & ls
10-29-60: 3003' sh
10-30-60: 3073' INT at 3000/3003' gas to surf in 25 mins, gas press. 1300 cu. ft. sec. 3000' sh, no pressure reported. prep to drill ahead.
10-31-60: 3000' sh & sh, lost 6 hrs remaining circ. now drilling ahead.
11-1-60: 3003' 3 sh & sh

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **KENACAL AND WOODEN DRILLING COMPANY**

Address **P.O. BOX 203**
VERMILION, UTAH

L. R. KENACAL

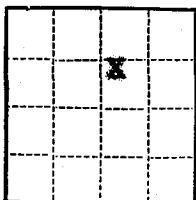
By **J.B. Hamilton**

Title **Partner**

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-015198
Unit Federal #1-1



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELL REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 8, 1960

Well No. 11-1 is located 1440 ft. from N line and 1929 ft. from E line of sec. 14

SW 1/4 Sec. 14 (1/4 Sec. and Sec. No.)
11S (Twp.) 21E (Range) S.L.M. (Meridian)
Wasatch (Field) Utah (County or Subdivision) Utah (State or Territory)

The elevation of the drilling point above sea level is 5727 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11-2-60: 4334' - red sh
11-3-60: 4320' - sd & sh
11-4-60: 4796' - green sh
11-5-60: 4925' - sh & sd
11-6-60: 5045' - red sh, thin sd streaks
11-7-60: 5160' - sd & sh
11-8-60: 5256' - sd & sh - BHT at 5111/60' BHT-30 min, open 2 1/2 hrs, BHT-30 min, work to red blow throat test, no gas to surf, rec. 30' G/C/4 1/2 in. mud, PP-60/20%, BHT-60/30%, HP-60/5% drilling ahead.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MIRACLE & WOOSTER DRILLING COMPANY

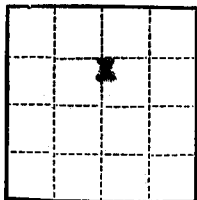
Address P.O. BOX 233

VERMIL, UTAH

L. R. MIRACLE

By J. B. Hamilton

Title MANAGER



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-015198**
Unit **Federal #14-1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 15, 1960

Well No. **14-1** is located **1442** ft. from **N** line and **1909** ft. from **E** line of sec. **14**
SW NE Sec. 14 **11S** **21E** **S.L.M.**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the **641** **2717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11-9-60: 5480' sd & sh
11-10-60: 5535' sd & sh
11-11-60: 5545' ls
11-12-60: 5630' sd & sh
11-13-60: 5775' sd & sh
11-14-60: 5821' sd & sh
11-15-60: 5905' sd & sh, run logs, prep to drill ahead.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOODRUM DRILLING COMPANY**

Address **P.O. BOX 233**

VERMIL, UTAH

L. R. MIRACLE

By **JR Hamilton**

Title **PARTNER**

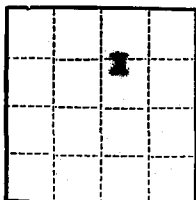
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-015198

Unit Federal #1-1



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 22, 19 60

Well No. 14-1 is located 1442 ft. from [N] line and 1599 ft. from [E] line of sec. 14

SW NE Sec. 14

($\frac{1}{4}$ Sec. and Sec. No.)

11S

(Twp.)

21E

(Range)

S.L.M.

(Meridian)

Utah

(Field)

Utah

(County or Subdivision)

Utah

(State or Territory)

The elevation of the surface above sea level is 7717 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11-16-60: 2553' oil & sh
11-17-60: 6064' sh
11-18-60: 6064' sh
11-19-60: 6064' now laying down D.P. before rig 7" cas
11-20-60: 6064' TD - Run & mud 7" cas, 60-6063', used 75 shs cut, cement @ 6 IN yds
11-21-60: WOG
11-22-60: prep to drill plug.

6064' TD

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MIRACLE & WOODRUFF DRILLING COMPANY

Address P.O. BOX 233

VERMIL, UTAH

L. R. MIRACLE

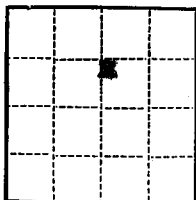
By J. B. Hamilton

Title DIRECTOR

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-015198
Unit Federal #14-1



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>WEEKLY REPORT</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 29, 1960

Well No. 14-1 is located 1442 ft. from N line and 1909 ft. from E line of sec. 14
SW NE Sec. 14 118 23 S.L.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Utah Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the drill ~~surface~~ above sea level is 5727 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11-23-60: 6064' - drill out plug
 11-24-60: 6064' - rigging up to drill w/ air
 11-25-60: 6273' - sd & sh
 11-26-60: 6534' - sd & sh
 11-27-60: 6795' - sd
 11-28-60: 6634' - sd & sh
 11-29-60: 6748' - sd & sh

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MIRACLE & WOOTER DRILLING COMPANY

Address P.O. BOX 233

VERMIL, UTAH

L. R. MIRACLE

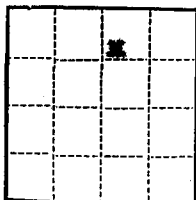
By JB Hamilton

Title ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SALT LAKE CITY**
Lease No. **U-015198**
Unit **Federal #1-1**



SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUBSEQUENT REPORT OF HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 6, 1960

Well No. **14-1** is located **1442** ft. from **1309** line and **118** ft. from **14** line of sec. **14**
SW NE Sec. 14 **118** **S. 1309** **N.L.M.**
118 Sec. No.) **Utah** (Range) (Meridian) **Utah**
(Field) **Utah** (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5727** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 11-30-60: 6748' - drig w/ air, attempting to dry up hole, well making 2000 MWD, est.
- 12-1-60: 6748' - now cleaning up hole at 6650' before sag logs & setting 4 1/2" liner
- 12-2-60: Moving in compressor booster to increase pressure, now prep to drill ahead w/ air
- 12-3-60: Bit plugged, came out of hole, went back in & now cleaning at 6591'
- 12-4-60: Lost 15 hrs forcing stuck D.P. at 6590', now drying up hole at 6590'
- 12-5-60: 6825' - drig.
- 12-6-60: 6825' - stuck D.P. @ 6787', backed off, left 4 D.C's in hole & bit, now prep to go in hole and attempt to jar loose.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

MIRACLE & WOOSTER DRILLING COMPANY

Company **P.O. BOX 233** **L. R. MIRACLE**
Address **VERMIL, UTAH**
By **L. R. Miracle**
Title **PARTNER**

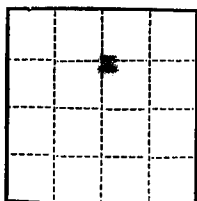
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-015198

Unit Federal #14-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>WELLS REPORT</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 13, 1960

Well No. 14-1 is located 1442 ft. from {N} line and 1509 ft. from {E} line of sec. 14

SW 1/4 Sec. 14

11S

21E

S.L.M.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Midway

Utah

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the 6622 ft. above sea level is 5717 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

12-7-60: 6625' - Lost 24 hrs fishing
12-8-60: Lost 24 hrs fishing - now cond. hole
12-9-60: Lost 24 hrs mudding up and cond. hole, now cleaning out @ 6622'
12-10-60: Lost 24 hrs fishing
12-11-60: Lost 24 hrs fishing
12-12-60: Washed over fish, came out of hole w/ wash pipe, now going back w/ over-
shot & attempt to rec. fish
12-13-60: Rec. fish, oil & sh

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MIRACLE & WOOTEN DRILLING COMPANY

Address P.O. Box 233

VERMILION, UTAH

L. R. MIRACLE

L. R. Miracle

Title MANAGER

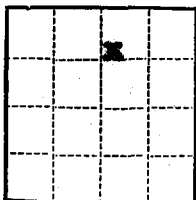
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Land Office **Salt Lake City**

Lease No. **U-015198**

Unit **Federal #14-1**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Weekly Report	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 20, 19**60**

Well No. **14-1** is located **1442** ft. from **{N}** line and **1509** ft. from **{E}** line of sec. **14**

SW NE Sec. 14 **11S** **21E** **S.L.M.**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the **Ord** ~~druck~~ above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

12-14-60: **Sd & Sh, blowing hole dry w/air 6865'**
12-15-60: **Blowing hole dry @ 6010' w/ air 6865'**
12-16-60: **Unable to blow well dry due to caving, now mudding up before drlg. ahead. 6865'**
12-17-60: **Drig. 6887'**
12-18-60: **Drig. 6934'**
12-19-60: **Sand. attempted to DST #3 6910/6960', unable to get to btm, came out of hole, now cond. hole. 6960'**
12-20-60: **Lost 24 hrs waiting on parts for rig repair 6960'**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING COMPANY**

Address **P. O. Box 233**

Vernal, Utah

L. R. MIRACLE

By *L. R. Miracle*

Title **Partner**

Well: Federal #14-1

12-28-60: 7375' - Shale
12-29-60: 7417' - Shale
12-30-60: 7485' - Shale
12-31-60: 7502' - DST #5 7445/7502', SI 1½ hr, open 2 hrs, SI ½ hr, good blow thruout test, rec. 70' G/C/M/ (misrun) FP-649-1189#, SIP-1520/1270#, HP-3615#.

1-1-61: 7645' - Sd & Sh
1-2-61: 7675' - Sd & Sh
1-3-61: 7700' - Sand
1-4-61: 7761' - Prep to DST
1-5-61: 7761' - DST #6 7708/61' failed - D.P. filled w/mud before reaching btm, found 1 D.C. washed out, ran DST #7 7708/61' failed, pipe filled w/mud, now checking tool & D.P. before attempting DST #8.
1-6-61: 7761' - Lost 24 hrs checking D.P., now going in hole to attempt DST #8.
1-7-61: 7774' - DST #8 7708/61' SI ½ hr, open 2 hrs, SI ½ hr, gas to surface in 25 mins. burned 2/3' flame, leak in D.P. was apparent before starting test, however, results of test indicated good test, rec. 2340' hily G/C/ drlg mud, FP-690/990#, SIP 2970/2630#, HP-3810#.

1-8-61: 7810' - Shale
1-9-61: 7867' - Shale
1-10-61: 7902' - Siltstone

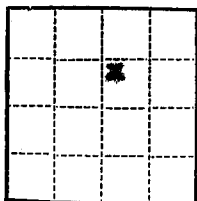
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**

Lease No. **U-015198**

Unit **Federal #1-1**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 27, 19 **60**

Well No. **14-1** is located **1442** ft. from **N** line and **1909** ft. from **E** line of sec. **14**

SW 1/4 Sec. 14 (1/4 Sec. and Sec. No.) **11E** (Twp.) **21E** (Range) **S.L.M.** (Meridian)
Waldport (Field) **Utah** (County or Subdivision) **Utah** (State or Territory)

The elevation of the **drill** above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

12-21-60: 6761' - Repaired rig, cond. hole to 6961'. BWT #4 6910/6961', SI 1/2 hr, open 2 hrs, SI 1/2 hr, strong blow issued, remained strong thruout test, now coming out of hole to check recovery.
12-22-60: 7011' - BWT #4 6910/6961', SI 1/2 hr, open 2 hrs, SI 1/2 hr, strong blow thru out test, run. 300' drig and, PP-70/192, SIP-820/649, HP-32/0, drig ahead.
12-23-60: 7075' - sand 12-24-60: 7120' - shale
12-25-60: 7165' - shale
12-26-60: 7233' - shale 12-27-60: 7311' - shale

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOTER DRILLING COMPANY**

Address **P.O. BOX 213**

VERMILION, UTAH

L. R. MIRACLE

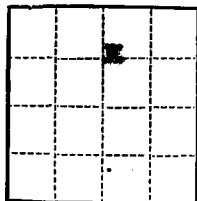
[Signature]

Title **Partner**

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake City**
Lease No. **U-015198**
Unit **Federal #14-1**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WEEKLY REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 10, 19 **61**

Well No. **14-1** is located **1442** ft. from **{N}** line and **1509** ft. from **{E}** line of sec. **14**
SW 1/4 Sec. 14 **11E** **21E** **S.L.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcoats **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the **Ord** ~~surface~~ above sea level is **5717** ft.

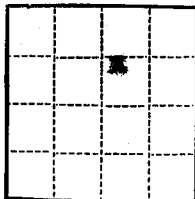
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached sheet

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING COMPANY**
Address **P. O. Box 233**
Vernal, Utah
By **L. R. MIRACLE**
J. R. Hammett
Title **Partner**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-015196
Unit Federal #1-1

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	WEEKLY REPORT

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 17, 1961

Well No. 14-1 is located 1442 ft. from N line and 1939 ft. from E line of sec. 14

SW NE Sec. 14
($\frac{1}{4}$ Sec. and Sec. No.)

136
(Twp.)

22E
(Range)

S.L.M.
(Meridian)

Willcox
(Field)

Utah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the Orl surface or above sea level is 7117 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

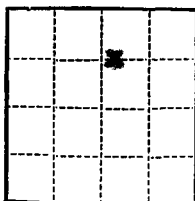
1-11-61: 7937' alluvium
1-12-61: 7940' sd & sh
1-13-61: 7993' shale
1-14-61: 7999' sand
1-15-61: 8030' sand - prep to cut core #1
1-16-61: Core #1 - now pulling to check rec.
1-17-61: 8085' - Core #1 8085/8085' rec. 60' sh w/ few streaks of sd.
lost 24 hrs repairing rig.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MIRACLE & WOODEN DRILLING CO.

Address P.O. Box 233
VERMIL, UTAH

L. R. MIRACLE
[Signature]
By [Signature]
Title MANAGER



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SALT LAKE CITY**
Lease No. **U-015198**
Unit **Federal #14-1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 26, 1961, 19__

Well No. **14-1** is located **1442** ft. from **[N]** line and **1909** ft. from **[E]** line of sec. **14**
SW NE Sec. 14 **11S** **21E** **S.L.M.**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Utah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the **Ord** ~~surface~~ **floor** above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1-18-61: 8091' - cutting Core #2 in 8085'
1-19-61: 8124' - shale - cutting Core #2
1-20-61: 8130' - Core #2 8085/8145' rec. 60' sh w/ few streaks of coal
1-21-61: 8195' - Core #3 8145/8295' rec. 30' sh
1-22-61: 8219' - cutting core #4
1-23-61: 8241' - Core #4 8195/8241' rec. 30' stringers of sd w/ good gas shows & remainder shale
1-24-61: 8286' - cutting core #5
1-25-61: 8317' - Core #5 8241/8320' rec. 79' sh w/ streaks of coal & stringers of hd tite ss, bleeding gas.
1-26-61: 8340' - Core #6 8320/8340' rec. 60' - 21' drk brn to blk sh. 28' sd, hd & tite, good fluor, odor, taste & staining. 11' drk brn to blk sh. Prep to core ahead.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOODRUFF DRILLING CO.**

Address **P.O. BOX 233**

VERMIL, UTAH

L. R. MIRACLE

By

L. R. Miracle

Title **PARTNER**

		X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SALT LAKE CITY**
Lease No. **U-015198**
Unit **Federal #14-1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	WEEKLY REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 1, 19**61**

Well No. **14-1** is located **1442** ft. from **[N]** line and **1909** ft. from **[E]** line of sec. **14**

SW NE Sec. 14 **11S** **21E** **S.L.M.**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~corner~~ **Grd.** above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1-27-61: 8386' - cutting Core #7 fm 8360/86' cont coring.
1-28-61: 8410' - Core #7 8360/8410' rec. 50' sh, hd drk blk w/
thin strks of ss, H.S. Ran logs
1-29-61: 8442' - Core #8 8410/8442' rec. 32' sh & siltstone, hd, drk
brn to blk thruout, H.S.
1-30-61: 8442' - DST #9 8320/8442' $\frac{3}{4}$ x $\frac{1}{4}$ " chks ISI- $\frac{1}{2}$ hr, open 3
hrs, FSI- $\frac{1}{2}$ hr, fair blow thruout test, rec. 120' drig mud, FP-38/72#,
SIF-620/107#, HF-4140#, new conditioning hole before setting $\frac{1}{2}$ " liner.
1-31-61: 8442' - Conditioning hole, now rng $\frac{1}{2}$ " liner.
2-1-61: 8442' - Ran $\frac{1}{2}$ " liner, liner seat @ 8422' top of liner hanger
5808', cmtd w/ 420 sks 1-1 permix 2% gel, 30 sks Latex cnt, FP-2800#,
compt @ 12:45 p.m. ystdy, WCC.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING CO.**

Address **P. O. Box 233**
VERNAL, UTAH

L. R. MIRACLE
[Signature]
Title **PARTNER**

- 2-8-61: Ran tbg & set pkr at 7925', spotted 500 gals of NCA over perfs. 7725/45' - 7885/95' - 7905/15', form. broke @ 6000# back to 3500#, FP-2200#, @ 7 a.m. swab well down to 5000', rec. hily g/c/load wtr & acid wtr, will cont. swab to clean well up before fracing.
- 2-9-61: Swab well down to 7000', rec. load & acid wtr, well burning 4' flame. Fraced perfs 7725/45' - 7885/95' - 7905/15' - w/ 40,000 gals OaCl wtr & 37,000# ad w/ 600# walnut hulls, followed w/ 2000 gals wtr, HEP-6000/4900#, max press- 6000#, min press- 4900#, avg inj rate 12.0 BPM, FP-3000#, compt @ 1:45 p.m. ystdy. Open well @ 1 a.m. today. In 5 hrs ending 6 a.m. today well fluid back approx. 800 bbls frac wtr, then died, start swab @ 7 a.m. today. (still lack est. 800 bbls frac wtr)
- 2-10-61: Swab well dry, stood 2 hrs, had 250' frac wtr fill-up, started to swab & swab line broke, now pulling tbg.
- 2-11-61: Pulled tbg, set B.P. @ 7925', spotted 500 gals of NCA on perfs fm 7905/15', 7885/95', & set pkr @ 7855', form. broke fm 4900/1500#, job compt @ 1:30 a.m. opened well & rec. acid wtr, well fluid at the rate of 80 MCF.
- 2-12-61: Went in w/ swab to check fluid fill-up, lost swab in hole, now fishing for same.
- 2-13-61: Rec. swab, fraced perfs 7905/15', 7885/95' w/ 11,200 gals of diesel oil, 8500# ad & 24 balls, HEP-5500#, inj press-6000#, @ 6 BPM, FP-6100#, job compt @ 3:20 p.m. ystdy, opened well @ 7:45 a.m. today, on 1/2" chk press. bled fm 2300/0#, well fling 2" stream of frac oil, TP-0#.
- 2-14-61: Rec. 85 bbls frac oil, well sandied up, now coming out of hole w/ tbg, prep to acidize perfs 7725/45'.

8442' total depth

Perfs: 7996/8006'

7978/86'

7944/52'

7905/15'

7885/95'

7725/45'

7/

2-15-61: Ran Halli B.P. @ 7855', set pkr @ 7690', acidized perfs 7725/45' w/ 500 gals MCA, BDP-3500/2000#, FP-2800#, SIP-2000#, job compt @ 12:30 a.m. today, opened well @ 2 a.m. TP-50#, swbd down making 3-5' flame, SI @ 7:15 a.m. to check pressure build up, prep to frac.

2-16-61: Fraced perfs 7725/45' w/ 40,000 gals of diesel oil, 31,700# sd, 600# walnut hulls, 750# adomite, dropped 40 balls half-way thru job, BDP-3650/3450#, max press-6025#, min press-2500#, avg treating press-5850#, avg inj rate 9.7 BPM, ISI-3075#, job compt @ 2:48 p.m. ystdy, well SI until 7:30 a.m. today, SIFP-2150#, opened well on 1/2" chk, in 30 mins flwd back 40 bbls diesel oil & died, now prep to swab.

2-17-61: Found well plugged in Xmas Tree, did not swab, unplugged Xmas Tree & tbg by pumpg in w/ Halli 5000# on tbg, rlsd press, well started to clean itself, TP-300/500# on 1/2" chk, have rec. 240 bbls diesel oil out of approx. 1000 bbls used for fracing, well making an est. 2500 MCFPD, SIFP-after 15 mins - 1000#, cont to clean well up before testing.

2-18-61: Well died, went in w/ swab, swbd down to 7500', rec. diesel oil, 30% wtr, shut ~~and~~ well in for pressure build up at 5 P.M. ystdy, @ 7 A.M. today TP-1525#.

2-19-61: Attempted to run McCull radio active tracer log to determine path of frac job, could not get below 7690' w/ tool, perfs sanded up, now coming out of hole.

2-20-61: Came out of hole w/ pkr, made trip w/ bit and washed out 124' of sd, now prep to run tracer log.

2-21-61: Ran tbg in hole w/ pkr set @ 7682', pumpd radio active tracer into perfs fm 7725/45', results showed tracer went in top 13' of perfs, injected another tracer charge @ 7734', showed the major portion of tracer going in top 13' w/ small amt going into btm 7", W.O. orders.

- 2-22-61: 8442' TD - Set B.P. @ 7700', perf. 1' @ 6611' w/ 4 JS, set pkr @ 6382', prep to sq.
- 2-23-61: Spotted 500 gals of MCA on perfs @ 6611', BDP-4500/2500#, sq w/ 75 sks of 1-1 pozmix 2% Gel, FP-4500#, left top of cmt @ 6410', now drlg out cmt @ 6480', plan to sq above pay zone after perforating @ 6585'.
- 2-24-61: Drid cmt, cleaned out below 6611', ran Halli pkr set @ 6350', pressured up to 4000#, to test sq, O.K. Perf. 1' @ 6585', spotted 250 gals of 7½% MCA, BDP-4000/3100#, job compt @ 4:15 a.m., squeezed w/ 75 sks of 1-1 pozmix, 2% Gel, FP-4500#, job compt @ 8 a.m. today, will test sq job before perforating for production test.
- 2-25-61: Tested sq job, O.K.
- 2-26-61: Ran McCull triple-notch cutter, perf. 1' @ 6596' & 6602', Gamma-ray Meas. set pkr @ 6583', swbd well down, SI @ 7 p.m. ystdy, 6:30 a.m. FL-5500' swbd well down making 6' flame while pulling swab.
- 2-27-61: Swbd well dry, acidized w/ 500 gals MCA, BDP-3150/1350#, FP-3050#, avg inj rate 2.1 BPM, job compt @ 10:45 p.m. ystdy, swbd well down @ 6:30 p.m. making small amt of gas (6' flame) fm 6:30 p.m. to 6:30 a.m. pulled 1 swab every 2 hrs, rec. 1/2 bbls of acid wtr per/pull & making small amt of gas (no est) cont swbg.
- 2-28-61: Swbd well down, fraced w/ 10,600 gals of diesel, 6900# of 20-40 sd, 300# adamite, BDP-2800#, avg inj pressure-6000#, FP-6200#, SIP-2200#, avg inj rate 11.1 BPM, well sanded out w/ 1400 gals in tbg, job compt @ 12:45 p.m. ystdy, opened well @ 6 a.m. w/ TP-O#, @ 7 a.m. had rec. 28 bbls of diesel oil, swbg fm 5000', no gas shows.

- 3-1-61: 8442'TD - Swbd well down to 6500', rec. 1 bbl of fluid per/pull, approx. 80% wtr, 20% diesel oil, small amt of gas previously reported has decr. cont swbg.
- 3-2-61: 8442'TD - Swbd well down to 6580' rec. very small amt of wtr, gas burning 6-8' flame while pulling swab, operations temp. suspended (last rpt to be carried until operations are resumed)
- 3-6-61: 8442'TD - Operations resumed 3-5-61 - went in to swab, found FL @ 3000', swbd well down rec. fresh wtr w/ small amt of frac oil, ran GR Corr. Log, showed sq perfs closed, notches in pay zone open, ran McCull Radio-active Tracer Log, showed tracer to go out proper perfs @ 6596' & 6602', however rather than penetrate pay zone, tracer went down the pipe showing channel job below pay zone. Prep to sq thru perfs.
- 3-7-61: 8442'TD - Sq perfs 6596' & 6602' w/ 150 sks reg cmt, FP-5000#, job compt @ 11:15 A.M. ystdy, found top of cmt @ 6390', now drlg. firm cmt @ 6500'.

- 3-8-61: TD 8442' - Cleaned out sd to 7680', prep to abrasive notch @ 7675'.
- 3-9-61: TD 8442' - Perforated 7666/68' (GR-N Meas) prep to swab.
- 3-10-61: TD 8442' - Ran tbg w/pkr set @ 7620', swbd to test perfs 7666/68', swbd well down, no rec., ran wireline, found obstruction immed below pkr, pulled tbg, now going in hole to check obstruction and clean out below perfs.
- 3-11-61: TD 8442' - Cleaned out sd to 7700', prep to swab.
- 3-12-61: TD 8442' - Swbd well down, no pkr in hole, recovering very small amt of gas & 1/4 bbl of load fluid per pull.
- 3-13-61: TD 8442' - Pulled tbg, reran w/ RTTS pkr, set @ 7645', attempted to break form w/ wtr, could not pmp in @ 5500#, prep to spot MCA on perfs & test.
- 3-14-61: TD 8442' - Spotted 250 gals of MCA on perfs @ 7666/68', set pkr @ 7647', BDP-4800/3100#, inj pres-3100#, FP-3100#, avg inj rate 4 BPM, opened well & pressure bled to zero. Started swbg @ 2 pm, swbd down @ 10 pm making small amt of acid wtr & a skim of hily viscous green oil & burning 4' flame while pulling swab, S.I. fm 4 am to 6 am TP-15#, prep to pull pkr & set B.P. on top of perfs @ 7666/68'.

- 3-15-61: 8442' TD - Prep to set B.P. & perf. for sq.
- 3-16-61: 8442' TD - Set B.P. @ 7520', set pkr @ 6323', checked B.P., & sq perfs @ 6596/6602' w/4500#, O.K. Perforated fm 6507/08' acidized w/ 250 gals of MCA, BDP-4200/3850#, avg inj rate 4 BPM, FP-3200#, compt @ 1:20 a.m. ystdy, squeezed perfs 6507/08 w/50 sks reg cmt FP-5100#, compt @ 3:25 a.m. perf. @ 6262/63', set pkr @ 6167', circ. @ 1100#, well is circulating thru perfs & by liner hanger, set Halli DM sq pkr @ 6245', prep to sq w/ 225 sks cmt. Started mix @ 3:04 comptd @ 3:16, started displacing cmt in tbg w/ wtr, 1½ bbls out, press-5000#, 186 sks cmt still in tbg, 40 sks to form., unable to reverse cmt out of tbg & could not pmp down tbg, backed off tbg @ 4400' leaving a total of 66 jts of tbg in hole, hard cmt inside of tbg, now going in w/ jars, bumper sub & overshot in an attempt to recover 66 jts of tbg left in hole.
- 3-17-61: 8442' TD - Rec. 66 jts of tbg, left stinger & Halli DM tool, now going in w/ washover pipe & overshot to fish for stinger.
- 3-18-61: 8442' TD - Attempting to rec. 1 jt of tbg & Halli stinger on top of DM tool, set @ 6245'.
- 3-19-61: 8442' TD - Rng concave mill on top of junk @ 6214'
- 3-20-61: 8442' TD - Rng concave mill on top of junk @ 6226', prep to run wash pipe.
- 3-21-61: 8442' TD - Milled 22' of 2½" tbg on top of DM tool @ 6242', going in hole w/ wash pipe to cut slips off DM tool, attempt to fish out.

- 3-22-61: 8442' TD - Unable to get to btm on acct of cuttings, made trip out, went back w/ mill & scraper, reversed out cuttings, now back in hole w/ wash pipe to attempt to cut slips off DM tool, then attempt to fish out.
- 3-23-61: 8442' TD - Fishing for DM tool
- 3-24-61: 8442' TD - Lost 24 hrs fishing & milling on DM tool.
- 3-25-61: 8442' TD - Operations temporarily suspended (last rpt to be carried until operations are resumed)

		X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SALT LAKE CITY**
Lease No. **U-015198**
Unit **Federal #14-1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WEEKLY REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 7, 1961

Well No. **14-1** is located **1442** ft. from **[N]** line and **1509** ft. from **[E]** line of sec. **14**

SW NE Sec. 14 **11S** **21E** **S.L.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~terrick floor~~ **Grd.** above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

2-2-61: 8442' - W.O.C.
2-3-61: 8442' - Ran GR-N Log. Top fo cnt behind liner 6270' - perf. 7944/52' - 7978/86' - 7996/8006' w/ 4 JSPP. Ran 2" tbg, now nippling up before subg.
2-4-61: 8442' - Started subd 7 a.m., subd down to 3000', lost swab in hole, prep to pull tbg to rec. same.
2-5-61: 8442' - Rec. swab, reran tbg w/ pkr set @ 7919', subd well down to 7000', pkr failed prep to pull tbg.
2-6-61: 8442' - Ran Halli pkr, set @ 7919', subd well down to 7000' attempted to acidize w/ 500 fals of MCA, form, would not break @ 6000'.
2-7-61: 8442' - Came out of hole w/ tbg., reperf. 7944/52' - 7978/86' - 7996/8006' & perf new zones 7725/45' - 7835/95' - 7905/15' west in hole with tbg & csg. scraper, cleaned peris to btm. Now going in hole w/

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING CO.**

Address **P. O. Box 233**

VERNAL, UTAH

L. R. MIRACLE

By

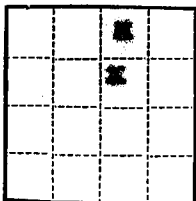
L. R. Miracle

Title **PARTNER**

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-015196**
Unit **Federal #14-1**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 14, 19**61**

Well No. **14-1** is located **1440** ft. from **[N]** line and **1900** ft. from **[E]** line of sec. **14**

SW NE Sec. 14 (1/4 Sec. and Sec. No.)
118 (Twp.)
21E (Range)
S.L.M. (Meridian)
Utah (Field)
Utah (County or Subdivision)
Utah (State or Territory)

The elevation of the **casings** above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached sheet

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOODNER DRILLING CO.**

Address **P.O. BOX 233**

VERMILION, UTAH

L. R. MIRACLE

By **J. B. Hammett**

Title **MANAGER**

		X	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **5-015108**
Unit **Federal #14-1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 21, 19**61**

Well No. **14-1** is located **1442** ft. from **N** line and **1509** ft. from **E** line of sec. **14**
SW NE Sec. 14 (1/4 Sec. and Sec. No.) **118** (Twp.) **212** (Range) **S.L.M.** (Meridian)
Utah (Field) **Utah** (County or Subdivision) **Utah** (State or Territory)

The elevation of the **surface** or above sea level is **5717** ft.

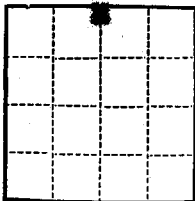
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

see attached sheet.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING CO.**
Address **P.O. BOX 233**
VERMILION, UTAH
L. R. MIRACLE
L. R. Miracle
Title **PARTNER**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-015198**
Unit **Federal #1-1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	WELLS REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 28, 19**61**

Well No. **14-1** is located **1442** ft. from **N** line and **1509** ft. from **E** line of sec. **14**
SW NE Sec. 14 **11S** **21E** **S.L.M.**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Willcox **Utah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the **Well** or above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

see attached sheet

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING CO.**

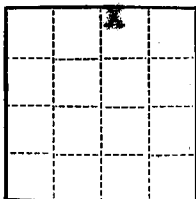
Address **P.O. BOX 233**

VERMILION, UTAH

L. R. MIRACLE

By **L. R. Miracle**

Title **PARTNER**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Salt Lake City
Land Office **U-015198**
Lease No. **Federal #14-1**
Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....	WEEKLY REPORT	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 7, 19**61**

Well No. **14-1** is located **1442** ft. from **[N]** line and **1509** ft. from **[E]** line of sec. **14**
SW NE Sec. 14 **11S** **21E** **S.L.M.**
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

see attached sheet

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING CO.**
Address **P. O. BOX 233**
VERNAL, UTAH
L. R. MIRACLE
Partner
Title

MAR 9 1961

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake City**

Lease No. **U-015198**

Unit **Federal #14-1**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

		X

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	WEEKLY REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 14, 19**61**

Well No. **14-1** is located **1442** ft. from **[N]** line and **1509** ft. from **[E]** line of sec. **14**

SWNE Section 14 **11 S** **21 E** **S.L.M.**

Wildcat **Uintah** **Utah**

The elevation of the **Ord.** ~~surface~~ floor above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached sheet

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING CO.**

Address **P. O. Box 233**
Vernal, Utah

L. R. MIRACLE

By **L. R. Miracle**

Title **Partner**

		X	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-015198**
Unit **Federal #14-1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	WEEKLY REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 21, 19 **61**

Well No. **14-1** is located **1442** ft. from **{N}** line and **1509** ft. from **{E}** line of sec. **14**

SWNE Section 14

(¼ Sec. and Sec. No.)

11 S

(Twp.)

21 E

(Range)

S. L. M.

(Meridian)

Wildcat

(Field)

Uintah

(County or Subdivision)

Utah

(State or Territory)

The elevation of the **Ord.** ~~surface~~ above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached sheet

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING CO.**

Address **P. O. Box 233**

Vernal, Utah

L. R. MIRACLE

By *JB Hamilton*

Title **Partner**

		X	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-015198**
Unit **Federal #14-1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	WEEKLY REPORT	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 28, 19**61**

Well No. **14-1** is located **1442** ft. from **[N]** line and **1509** ft. from **[E]** line of sec. **14**

SWNE Section 14

($\frac{1}{4}$ Sec. and Sec. No.)

11S

(Twp.)

21E

(Range)

S. L. M.

(Meridian)

(Field)

Ord.

(County or Subdivision)

(State or Territory)

The elevation of the ~~XXXXXX~~ above sea level is **5717** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached sheet

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MIRACLE & WOOSTER DRILLING CO.**

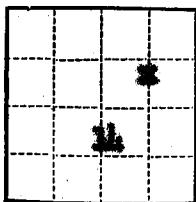
Address **P. O. Box 233**

Vernal, Utah

L. R. MIRACLE

By *L. R. Miracle*

Title **Partner**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SIC**
Lease No. **Utah 015196**
Unit **2**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
Plug Back & Whipstock around fish	22

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 24, 1961

Broken Arrow
Well No. **1** is located **1142** ft. from **[N]** line and **1508** ft. from **[E]** line of sec. **14**
SW NE Section 14 **115** **S12** **S1M**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Utah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5744** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 8442'. FWD 624' (Top of Fish). 7" Casing is set at 6657' and cemented with 75 sacks. 4-1/2" liner is hung at 5808', set at 8442' and cemented with 470 sacks.

Plan to set cement plug 6240' to 5786', mill out casing, whipstock & drill out to approximate depth of 6700'.

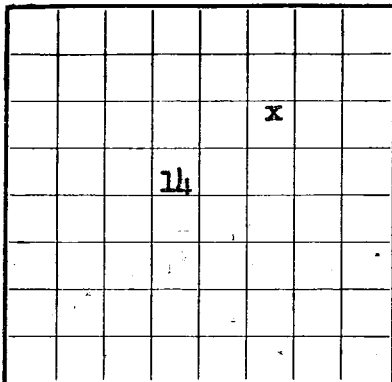
Verbal approval to Mr. H. L. Farris on 4-19-61.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Humble Oil & Refining Company**
Address **P. O. Box 3082**
Durango, Colorado
By **COPY (ORIGINAL SIGNED) H. J. FLATT**
H. J. Flatt
Title **Dist. Supt. (Temp)**

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Humble Oil & Ref. Co. Address Box 3082, Druango, Colorado
Lease or Tract Broken Arrow Field Broken Arrow State Utah
Well No. 1 Sec. 14 T. 11S R. 21E Meridian SIM County Uintah
Location 1142 ft. N of N Line and 1508 ft. E of E Line of Section 14 Elevation 5726 KB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date August 8, 1962

Title Dist. Production Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling October 10, 19 60 Finished drilling June 8, 19 61
Preparing to Whipstock April 29, 1961 New Hole

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	-	-	-	97'	-	-	-	-	Surface
7	23	8	J055	2228'	-	-	-	-	
7	21	8	J-55	3922'	-	-	-	-	
4-1/2	9.50	8	J-55	1089'	-	-	-	-	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	106	75			
7	6057	75			
4-1/2	8122	120 (old hole)			
4-1/2	6617	901 Top of liner hanger @ 5525' (new hole after whipstock)			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

9-5/8	106	75			
7	6057	75			
4-1/2	8122	120	(old hole)		
4-1/2	6617	901	Top of liner hanger @ 5525'	(new hole after whipstock)	

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material ----- Size -----

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
-	-					

TOOLS USED

Rotary tools were used from surface feet to 8442 feet, and from ----- feet to ----- feet

Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

DATES

Date P & A May 25, -----, 19 62 Put to producing -----, 19-----

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

-----, Driller -----, Driller

-----, Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
0	3905	3905	Green River
3905	6704	2799	Wasatch
6704	6737 TD	32	Mesa Verde

[OVER]

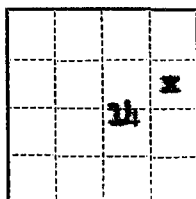
HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

State whether electric logs were run.

Spudded 10-10-60 Miracle-Wooster Drlg. Co. & Sun Oil Co. (Original Name #11-1 Gov't)

DST 4390-5303', open $\frac{1}{2}$ hr, SI $\frac{1}{2}$ hr, GTS in 25 mins, gauged 1.3 MCFG/D. Rec 3200' W. No press. DST 5110-60' SI $\frac{1}{2}$ hr, open 2:15, SI $\frac{1}{2}$ hr, wk blow thruout. Rec 30' GCDM. IFP 20#, FFP 20#, SIP 240-320#, HP 2485#. Cleaned out W, dist & M. (soap solution & air). Gauged 4500 MCFG/D on 8 hr. test. DST 6910-61', open 2 hrs, SI $\frac{1}{2}$ hr, rec 300' M. FP 70-132#, SIP 649#, HP 3270#, Cored 8026-85', rec 60' shale w/sand stringers, bleeding G. Cored 8300-60', rec 28', gd flour, odor, taste & stain. Core 8360-410', no show. Cored 8410-42', no show. DST 8320-442', op 3 hrs, fr blow thruout, rec 120' M. FP 38-72#, SIP($\frac{1}{2}$ hr) 620-107#, HP 4140#. Td 8442'. Set $4\frac{1}{2}$ " liner @ 8422' w/420 sx. Perf 7944-52'; 7978-86'; 7996-8006' w/4 shots PF. Reperf'd. Perf 7725-45'; 7885-95'; 7905-15' w/4 spf. Sand-W frac'd w/40,000 gals, 37,000# walnut shells & 2000 gals W, swbd dry. Pulled tbg, set BP at 7926'. Acid perf 7885-7905' w/500 gals MCA. Flwd AW, gauged 80 MCFG/D. S-O frac'd 7885-905' w/11,200 gals & 9500#, rec 10. S-C frac'd perfs 7725-45', rec 2,000 MCFG/D. Cut notches @ 6896' & 6602', acid w/250 gals MCA, swbd, rec sm amt G, burned w/6' flare, swbd dry. Acid w/500 gals MCA. Swbd, rec $1\frac{1}{2}$ BO per pull, burned w/6' flare on 12 hr. test. Swbd 28 BLO in 1 hr, PBTD 7700'. Sqzd notches @ 6596-602', cut notch @ 7666-68'. Cleaned out to 7680'. Abrasajet notch 7675'. Perf 7666-68'. Ran tbg w/pkr set @ 7620'. Swbd. No rec. Pulled tbg, cleaned out to 7700'. Swbd no pkr in hole, rec sm amt G & $\frac{1}{2}$ BLO. Reran tbg w/pkr set @ 7645'. Attempt to break form w/wtr. Perf 7666-68'. Acid w/250 gals MCA, set pkr @ 7647', swbd, made sm amt AW & skim hily viscous gr oil & burned w/4' flame. Set BP @ 7520'. Sqzd Perfs 6592-602'. Perf 6507-08', acid w/250 gals MCA. Sqzd perfs w/50 sx. Perf 6262-63', set pkr @ 6167', circ thru perfs & by liner hanger, set pkr @ 6245'. Temp. Aban. Humble Oil & Refining Co. assumed operations. Fish top 6240'. Plug back fr 6240' to 5780' w/50 sx cmt. Perf w/4-way sqz jet @ 5705', set pkr @ 5669'. Milled out pipe fr 5702-5731.5' After unsuccessful attempt to set Whipstock #1 set #2 Whipstock @ 5720' and #1 set @ 5712'. Drlg 6-1/8" hole w/mud to 5919'. Drld w/air to 6736' TD. At 5980' 28 $\frac{1}{2}$ away fr old hole; 25 $\frac{1}{2}$ fr vert. Survey 5958' 5 $\frac{1}{2}$ ON 100E. Ran McClough log, GR/N log 5700 to 6626. C0 hole to 6626'. Soak 200 gals MCA. for 2 hrs then blew dry. No gas. Treated open hole fr 6617-6626' w/2200 gals diesel & 1/20# Adomite/gal & FRI & 2000# 20-40 sd. MX 6000# MN 5400#; shut in 8 hrs then opened well for no press, well died. Tested after swab open hole 6617-6626' no gas, no incr in fluid. Drld ahead to TD. No gas while drlg fr 6626-6736'. Ran G/R Neutron log. Deviation 11 $\frac{1}{2}$ @ 6564'. **Plugged and Abandoned 5-25-62.** Set 10 sx cement fr 6615-6492', in 4 $\frac{1}{2}$ " liner. Cut 7" @ 912', rec 29 jts. Set 35 sx cement fr 973-862' over stud of 7" Csg. Set 40 sx cement fr 157-50', & 25 sx cement fr 30-0'.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SLC
Lease No. Utah 015198
Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	Casing Report	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 20, 1961

Broken Arrow

Well No. 1 is located 1112 ft. from N line and 1508 ft. from E line of sec. 14

SW NE Section 14 11S 21E SLM

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Utah Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5724 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 6736'. Deviation 14-1/4° at 6564'.

**Set 3 joints, 1089', 4-1/2" OD casing at 6617', with 901 sacks cement.
Top of liner hanger at 5525'.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company

Address P. O. Box 3082,

Durango, Colorado

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**

Title B. M. Bradley
Dist. Supt.

Form approved.
Budget Bureau No. 42-R356.5.

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1961,

Agent's address _____ P. O. Box 3082 _____ Company Humble Oil & Refining Company
 _____ Durango, Colorado _____ Signed COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON mll

Phone Cherry 7-0210 Agent's title Dist. Acct'g. Surp.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
BROKEN ARROW UNIT										
14 SW NE	11S	21E	1							TD 6736' Temporarily shut-in

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No. _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form approved.
Budget Bureau No. 42-R356.5.

16-25786-9 U. S. GOVERNMENT PRINTING OFFICE

LAND OFFICE -----
LEASE NUMBER -----
UNIT -----

16-25766-9 U. S. GOVERNMENT PRINTING OFFICE

Form approved.
Budget Bureau No. 42-R356.5.

16-25768-9 U. S. GOVERNMENT PRINTING OFFICE

Form approved.
Budget Bureau No. 42-R856.5.

16-25766-9 U. S. GOVERNMENT PRINTING OFFICE

Form approved.
Budget Bureau No. 42-R356.5.

16-25768-9 U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE SIC
LEASE NUMBER U-015198
UNIT Broken Arrow Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 62,

Agent's address Box 3082 Company Humble Oil & Refining Company
Durango, Colorado Signed COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON

Phone 247-0210 Agent's title Dist. Acct'g. Supr.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
BROKEN ARROW UNIT										
14 SW NE	11S	21E	-	-	-	-	-	-	-	Temp. Shut in

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

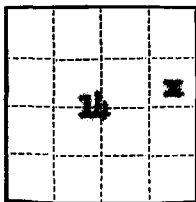
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form approved.
Budget Bureau No. 42-R356.5.

16-25766-9 U. S. GOVERNMENT PRINTING OFFICE

(SUBMIT IN TRIPLICATE)

Land Office SIO
Lease No. Utah 015198
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 2, 1962

Broken Arrow
Well No. 1 is located 1442 ft. from N line and 1508 ft. from E line of sec. 14
SW NE Section 14 11S 21E S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5724 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 6736'. Deviation 14 1/2° @ 6564'.

Notice of intention to abandon well as follows: Cement plug from 6617 to 6517' w/8 sz. Cut 7" casing at approximately 5500' and pull. Cement plugs from 5550' to 5450'; 4950' to 3850'; 256' to 56' and from 30' to surface. A regulation dry hole marker to be erected, pits filled and location cleaned.

Approved 4-2-62 by Mr. D. F. Russell.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company
Address P. O. Box 3082
Durango, Colorado
By COPY (ORIGINAL SIGNED) D. M. BRADLEY
Title Dist. Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER **U-015298**
UNIT **Broken Arrow Unit**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1962

Agent's address Box 3082 Company Humble Oil & Refining Company
Durango, Colorado **COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON**

Phone 247-0210 Signed _____ Agent's title Dist. Acct'g. Supr.

[illegible]

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE **81C**
LEASE NUMBER **U-015190**
UNIT **Broken Arrow Unit**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1962,

Agent's address Box 3082 Company Humble Oil & Refining Company
Durango, Colorado Signed **COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON**

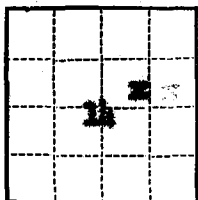
Phone 247-0210 Agent's title Dist. Acct'g. Supr.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
BROKEN ARROW UNIT										
14 SW NE	11S	21E	1	-	-		-	-	-	P & A 5-25-62
FINAL REPORT										

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SIC**
Lease No. **Utah 015196**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 5, 19**62**

Broken Arrow
Well No. **1** is located **1442** ft. from **N** line and **1508** ft. from **E** line of sec. **14**
SW NE Section 14 **118** **21E** **S1M**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Fieldcat **Wintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5724** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 6736', deviation 1 1/2° @ 6564'.

Plugged and abandoned 5-25-62. Set 10 sz. cement from 6615 to 6492' in 4 1/2" liner. Cut 7" @ 912', recovered 29 joints. (Notice of intention to abandon stated 7" casing would be cut at approximately 5500', but pipe was stuck). Set 35 sz. cement from 973' to 862' over stud of 7" casing. Set 40 sz. cement from 157' to 50', and 25 sz. cement from 30' to surface. A regulation dry hole marker erected, pits filled and location cleaned and ready for inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Humble Oil & Refining Company**
Address **P. O. Box 3082**
Durango, Colorado
By **COPY (ORIGINAL SIGNED) H. L. FARRIS**
Title **Dist. Foreman**